## IAP12 Rec'd PCT/PTO 19 MAY 2006

### IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP2004/012075

International Filing Date : 26 October 2004 (26.10.2004)

Priority Date(s) Claimed : 20 November 2003 (20.11.2003)

Applicant(s) (DO/EO/US) : Gerard MOINET, et al.

Title: ANTIDIABETIC COMPOUNDS COMPRISING BENZOFURAN AND BENZOTHIOPHENE DERIVATIVES

### INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

#### Timing and Fees

$\boxtimes$		37 C.F.R. § 1.97(b), no fee or statement is required for filing this information sure statement is filed:
		within three months of the filing date of a national application other than a CPA under § 1.53(d);
	$\boxtimes$	within three months of the actual filing date of the national phase of a PCT application; OR
		before the mailing of a first substantive office action (including after filing of an RCE).
		37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods ed in 37 C.F.R. § 1.97(b), but before the mailing date of:
		a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR a notice of allowance under 37 C.F.R. § 1.311; and

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		is acco	ompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a ı	notice of allowance under 37 C.F.R. § 1.311;
	AND	is filed	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents U	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited	Materia	<u>lls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
		-	s of materials listed but not attached were cited in an international search dated February 28, 2005.
		Not re	quired by 37 CFR § 1.98.
		Copie	s of the materials listed are attached (except for the foregoing).

Non-En	glish I	Language References
ļ	$\boxtimes$	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
		A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:
		<ul> <li>X = document of particular relevance when it is taken alone</li> <li>Y = document of particular relevance when it is combined with another such document</li> </ul>
		A = document defining the general state of the art O = non-written disclosure
		P = intercalated document
		T = document cited to understand the theory or principle underlying the invention
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The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Lelano, Reg. No. 27,969

Attorney/Agent for Applicants

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Attorney Docket No.: MERCK-3172

Date: May 19, 2006

AJZ:ssr

**DOCKET NO.: MERCK-3172** 

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Substitute	for form 1449A/PT	0		Complete if Known  Application Number USNP of PCT/EP2004/012075  Filing Date 26 October 2004 (26.10.2004)  First Named Inventor Gerard MOINET, et al.  Group Art Unit unknown  Examiner Name unknown		
				Application Number	USNP of PCT/EP2004/012075	
INFO	RMATION	DISCL	.OSURE	Filing Date	26 October 2004 (26.10.2004)	
STAT	EMENT B	Y APP	LICANT	First Named Inventor	Gerard MOINET, et al.	
				Group Art Unit	unknown	
	(use as many sh	neets as nec	essary)	Examiner Name	unknown	
Sheet	1	of	3	Attorney Docket Number	MERCK-3172	

		. <u> </u>	U.S. P	ATENT DOCUMENTS	
Examiner Initials *	Cite No.1	U.S. Patent Docume	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document  MM-DD-YYYY
	001	5,908,859	Α	CULLINAN, ET AL.	06-01-1999
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	FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant			
Examiner Initials*	Cite No.¹	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Τ*	
	002	wo	99/61435	Α	AMERICAN HOME PROD	12-02-1999			
	003	EP	0 897 918	Α	LILLY CO ELI	02-24-1999	-	001	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

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				Application Number	USNP of PCT/EP2004/012075	
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STAT	EMENT I	BY APP	LICANT	First Named Inventor	Gerard MOINET, et al.	
				Group Art Unit	unknown	
(	use as many s	heets as nec	essary)	Examiner Name	unknown	
Sheet	2	of	3	Attorney Docket Number	MERCK-3172	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	004	DARIAS, V. ET AL: "BICYCLIC THIOPHENIC DERIVATIVES AS PLATELET AGGREGATION INHIBITORS" FARMACO, EDIZIONE SCIENTIFICA, 41(6), 478-82 CODEN: FRPSAX; ISSN: 0430- 0920, 1986, XP001194422	
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	007	CONNOR, DAVID T. ET AL: "NOVEL BENZOTHIOPHENE-, BENZOFURAN-, AND NAPHTHALENECARBOXAMIDOTETRAZOLES AS POTENTIAL ANTIALLERGY AGENTS" JOURNAL OF MEDICINAL CHEMISTRY, 35(5), 958-65 CODEN: JMCMAR; ISSN: 0022-2623, 1992, XP002286756	
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	009	SVOBODA, JIRI ET AL.: "SYNTHESIS OF '1!BENZOTHIENO'3,2-b!FURAN-A NEW FUSED BENZOHETEROCYCLIC SYSTEM: COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, 58(12), 2983-6 CODEN: CCCCAK; ISSN: 0010-0765, 1993, XP009033071	
	010	VAIDYA, V. P. ET AL: "STUDIES IN BENZOFURANS: PART XIV. SYNTHESIS OF BENZOFURAN AND BENZOFURO"3,2-bifuran derivatives of Pharmacological Interest" Indian Journal OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, 22B(5), 462-4 CODEN: IJSBDB; ISSN: 0376-4699, 1983, XP009033083	
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	012	BOSCHELLI, DIANE ET AL: "INHIBITION OF E-SELECTIN-, ICAM-1-, AND VCAM-1-MEDIATED CELL ADHESION BY BENZO'bITHIOPHENE-, BENZOFURAN-, INDOLE-, AND NAPHTHALENE-2-CARBOXAMIDES: IDENTIFICATION OF PD 144795 AS AN ANTIINFLAMMATORY AGENT" JOURNAL OF MEDICINAL CHEMISTRY, 38(22), 4597-614 CODEN: JMCMAR; ISSN: 0022-2623, 1995, XP002286757	

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				Application Number	USNP of PCT/EP2004/012075
INFO	RMATION	1 DISCI	LOSURE	Filing Date	26 October 2004 (26.10.2004)
STAT	EMENT E	3Y APF	PLICANT	First Named Inventor	Gerard MOINET, et al.
				Group Art Unit	unknown
1	(use as many s	heets as ne	cessary)	Examiner Name	unknown
Sheet	3	of	3	Attorney Docket Number	MERCK-3172

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	013	BOSCHELLI, DIANE ET AL: "3-ALKOXYBENZO'BITHIOPHENE-2-CARBOXAMIDES AS INHIBITORS OF NEUTROPHIL-ENDOTHELIAL CELL ADHESION" JOURNAL OF MEDICINAL CHEMISTRY, 37(6), 717-18 CODEN: JMCMAR; ISSN: 0022-2623, 1994, XP002286755				
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	016	BECK JAMES: "'1!BENZOTHIENO'3,2-b!FURAN DERIVATIVES" JOURNAL OF HETEROCYCLIC CHEMISTRY, 12 (5), 1037-8 CODEN: JHTCAD; ISSN: 0022-152X, 1975, XP002286809				

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